**Call for Papers**

The 9th OOPSLA Workshop on Domain-Specific Modeling  
October 25-26, 2009, Orlando, Florida, USA  
http://www.dsmforum.org/events/DSM09

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**What is Domain-Specific Modeling?**

An upward shift in abstraction leads to a corresponding increase in productivity. In the past this has occurred when programming languages have evolved towards a higher level of abstraction. Today, domain-specific languages provide a viable solution for continuing to raise the level of abstraction beyond coding, making development faster and easier.

In Domain-Specific Modeling (DSM), the models are constructed using concepts that represent things in the application domain, not concepts of a given programming language. The modeling language follows the domain abstractions and semantics, allowing developers to perceive themselves as working directly with domain concepts. Together with frameworks and platforms, DSM can automate a large portion of software production.

**Workshop on Domain-Specific Modeling**

The objective of the DSM workshops is to bring together practitioners and researchers in the field of DSM to discuss, share experiences and present new ideas on modeling and tools.

Some of the issues that we would like to see addressed in this workshop are:
- Industry/academic experience reports describing success/failure in implementing and using domain-specific languages/tools
- Approaches to identify constructs for domain-specific languages
- Tools for supporting domain-specific modeling
- Approaches to implement metamodel-based modeling languages
- Novel approaches for code generation from domain-specific models
- Issues of support/maintenance for systems built with DSMs
- Evolution of languages in accordance with domain
- Metamodeling frameworks and languages
- Demonstrations of working DSM solutions (languages, generators, frameworks, tools)
- Specific domains where this technology can be most productive in the future (e.g., DSMs to describe aspects of embedded systems, product families, systems with multiple implementation platforms)
- Separation of concerns and the application of new modularity technologies (e.g., aspect-oriented) to domain-specific languages

**Submission Information**

The workshop welcomes four types of submissions:

1) Full papers describing ideas on either a practical or theoretical level. Full papers should emphasize what is new and significant about the chosen approach and compare it to other research work in the field.
2) Experience reports on applying DSM. Papers should describe case studies and experience reports on the application, successes or shortcomings of DSM. The experiences can be related for example on language creation or use, tooling or organizational issues.
3) Position papers describing work in progress or an author’s position regarding current DSM practice.
4) DSM demonstrations describing a particular language, generator, or tool for a particular domain. During the workshop, the DSM solution presented in the paper can be demonstrated to the participants.

Papers should be submitted by August 10, 2009. Please see the submission details at the workshop webpage at http://www.dsmforum.org/events/DSM09.

**Additional information**

Additional information about the workshop, including the submission guidelines, anticipated workshop format, the pre/post workshop activities, and links to the previous workshops is available at http://www.dsmforum.org/events/DSM09.